

Fig. 8

Moloney Murine Leukemia Virus – envelope protein (gp70), nucleic acid sequence (from complete MoMLV genome sequence; Genbank Accession No. NC_001501). The SU (extracellular domain) is encoded by nucleotides 5612 – 6919 (pictured below). The transmembrane and cytoplasmic tail extends from nucleotides 6920-7507. There is a signal peptide sequence at the beginning of the SU, localizing the protein to the cell membrane.

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5581 aattctctctg atgctcagag gggtcagtag tgcctcgcgc ggctccagtc ctcatacaagt
5641 ctataatata acctggggagg taaccaatgg agatcgggag acgggatggg caactctctgg
5701 caaccaccct ctgtggacct ggtggcctga ccttacccca gatttatgta tgttagccca
5761 ccattggacca tcttattggg ggctagaata tttctctctc ccccggggccc
5821 cccttgtgtgc tcaggggggca gcagcccgag ctgttccaga gactgcgaag aacctttaac
5881 ctccctcacc cctcgggtga acactgcctg gaacagactc aagctagacc agacaactca
5941 taaatcaaat gagggatttt atgtttgccc cgggcccacc cgcccccgag aatccaagtc
6001 atgtgggggt ccagactcct tctactgtgc ctattggggc tgtgagacaa ccggtagagc
6061 ttactggaag cctcctcat catgggattt catcacagta aacaacaatc tcacctctga
6121 ccaggctgtgc caggtagtga aagataataa gtgggtgcaac cccttagtta ttcggtttac
6181 agacgcccgg agacgggtta cttctcggac cacaggacat tactggggct tacgtttgta
6241 tgtctccgga caagatccag ggcttacatt tgggattccga ctcagatacc aaaatctagg
6301 accccgcgtc ccaatagggc caaacccgt tctggcagac caacagccac tctccaagcc
6361 caaacctggt aagtcgcctt cagtcaccaa accaccagt gggactcctc tctcccctac
6421 ccaacttcca ccggcgggaa cggaaaaatg gctgctaacc ttagttagac gagcctacca
6481 agccctcaac ctccaccgtc ctgacaaaaa ccaagagtgc tggttgtgtc tagtagcggg
6541 accccctcac tacgaagggg ttgcgctcct ggttacctac tccaaccata cctctgctcc
6601 agccaactgc tccgtggcct cccaacacaa gttgacctg tccgaagtga ccggacaggg
6661 actctgcata ggagcagttc' ccaaaacaca tcaggcccta tgaataacca ccagacaaag
6721 cagtcgaggg tctatttacc tagttgcccc tacaggtacc atgtgggctt gtagtaccgg
6781 gcttactcca tgcattctca ccaccatact gaaccttacc actgattatt gtgttcttgt
6841 cgaactctgg ccaagagtca cctatcattc cccagctat gtttacggcc tgtttgagag
6901 atccaaccga cacaaaagag aaccggtgtc gttaacctgc gccctattat tgggtggact
6961 aaccatgggg ggaattgccg ctggaatagg aacagggact actgctctaa tggccactca
7021 gcaattccag gagctccaag ccgcagtaca ggaatgctc agggagggtt gaaaaatcaat
7081 ctctaactca gaaaagtctc tcacttcctt gctgaagtt gtctacaga atcgaagggt
7141 cctagacttg ttatttctaa aagaaggagg gctgtgtgct gctctaaaag aagaatgttg
7201 cttctatgag gccacacag gactagttag agacagcatg gccaaattga gagagagct
7261 taatcagaga cagaaactgt ttgagtcaac tcaaggtagg tttaggggac tgtttaacag
7321 atccccttgg tttaccacct tgatatctac catattggga cccctcattg tactccta
7381 gattttgtgc ttccggacct gcattcttaa tcgatttagtc caatttgtaa aagaacaggt
7441 atcagtggtc cagggtctag ttttgactca acaatatcac cagctgaagc ctatagagta
7501 cgagccatag ataaaataaa agattttatt tagtctccag aaaaaggggg gaatgaaaga
  
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